

US-4390638 Examples																									Batch	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
B2O3	320	17.75	9.10	9.50	12.95	10.25	9.80	7.85	11.45	12.50	11.20	11.60	11.35	11.35	7.75	8.10	11.20	11.60	11.25	9.80	11.15	6.90	12.65	11.25	11.40	11.25
SrO2	34.80	18.60	21.60	24.00	25.55	22.80	21.60	28.50	25.80	25.80	25.00	26.00	26.15	25.40	28.60	28.25	25.50	28.00	24.00	26.45	25.45	18.60	26.30	21.10	23.65	24.00
Al2O3						5.10																				
GeO2																										
P2O5		1.80		1.30	4.75		7.10	1.45																		
Li2O	2.07	1.15			9.15	1.45	1.10	1.40	1.50	1.50	1.40	2.90		1.40												
Na2O	0.70	3.15			12.10		3.00	2.30	2.90	3.10	3.10	2.90	3.00	5.90	3.00	4.45	3.00	3.00	3.00	4.50	3.10	3.15	3.07	3.00	3.00	4.50
K2O	6.50	4.80	17.18			4.60	4.65	4.40	4.75	4.70	4.40			4.50	4.50	6.70	4.50	4.50	4.50	4.55	7.00	4.75	2.23	4.55	4.60	4.55
MgO	3.75	6.20	5.45	5.85	5.00	5.95	6.50		14.25	0.50	5.70	5.90	3.85	5.80	3.85	3.90	3.95	4.40	2.90	6.00	7.15	6.99	6.15	5.90	6.95	2.90
CaO	11.90	15.70	17.00	16.30	14.90	16.50	16.00	19.80	7.05	24.75	7.90	11.00	8.70	14.70	15.20	14.90	16.65	15.05	18.30	15.30	14.20	15.98	21.35	15.00	24.50	16.30
SrO																										
BaO																										
ZnO		2.05	1.85	2.00	2.25	2.00	2.00		2.05	0.60	1.90			14.60	1.95							2.00	2.02	5.10	1.95	
PbO																										
La2O3	19.88	7.50	7.30	7.90		8.00	8.10	13.70	8.20	8.55	7.65			5.20	9.60											
Y2O3																										
Ge2O3																										
Yb2O3																										
TiO2	7.80	8.15	9.00	8.70	8.90	7.80	7.95	6.35	8.05	7.95	7.50	10.20	7.60	7.15		7.90	8.70	3.95	9.75	10.55	12.90	11.10	7.92	5.10	7.75	6.30
ZrO2	5.70	6.30	5.55	6.00	6.90	6.00	6.15	2.90	7.90	6.10	5.80	6.00	5.90	5.80		4.40	3.70	7.60	6.00	0.00	6.15	3.10	6.56	6.25	6.00	6.05
Nb2O5	3.70	6.85	6.00	6.35	7.50	8.55	6.75	6.15	6.80	3.95	8.55	6.60	8.25	5.75		6.30	3.85	12.50	0.60	2.90		6.75	6.45	5.40	6.40	6.00
WO3																										
Ta2O5																										
SnO2																										
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
nd	1.6990	1.6982	1.6920	1.6943	1.7028	1.6977	1.6949	1.6991	1.7051	1.7005	1.7000	1.7075	1.6982	1.7064	1.7044	1.7036	1.7013	1.6981	1.7005	1.6990	1.6978	1.7049	1.7052	1.7048	1.6995	
sg	40.50	39.50	38.60	38.50	39.90	39.20	39.30	41.60	38.10	40.50	40.00	38.30	38.50	37.10	40.00	41.20	40.50	39.00	37.90	38.10	37.80	39.20	42.10	39.10	41.00	
SG	3.30	3.14	3.12	3.16	3.02	3.15	3.17	3.29	3.17	3.12	3.30	3.29	3.26	3.25	3.18	3.27	3.19	3.22	3.26	3.12	3.16	3.17	3.13	3.27	3.15	

Comparison of cited references and CIP Amended Claim 1 and Additional Claim 24																											
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
Sr-B-P	38.00	38.15	30.70	34.80	43.25	33.05	38.50	38.80	37.25	38.30	36.20	37.60	37.50	36.75	36.35	39.75	36.70	37.60	38.35	38.70	39.10	37.56	40.05	33.75	35.05	38.35	
Si	34.80	18.60	21.60	24.00	25.55	22.80	21.60	29.50	25.80	25.80	25.00	26.00	26.15	25.40	28.60	28.25	25.50	26.00	24.00	26.45	25.45	18.60	26.30	21.10	23.65	24.00	
Ti-La-Zr-Nb-Li+Na+K	37.08	28.80	27.85	28.95	23.30	28.35	28.95	29.10	30.05	26.55	27.50	22.80	24.95	22.30	33.45	32.50	27.75	34.00	32.60	27.15	20.95	29.00	25.05	28.95	24.45	32.70	
Ti	7.80	8.15	9.00	8.70	8.90	7.80	7.95	6.35	8.05	7.95	7.50	10.20	7.60	7.15	7.90	8.70	3.95	9.75	10.55	12.90	11.10	7.92	5.10	7.75	6.30	9.00	
Zr	5.70	6.30	5.55	6.00	6.90	6.00	6.15	2.90	7.90	6.10	5.80	6.00	5.90	5.80	4.40	3.70	7.60	6.00	0.00	6.15	3.10	6.56	6.25	6.00	6.05	1.65	
Mg-Ca-Sr-Ba-Zn	15.65	23.95	24.30	24.15	24.30	24.45	24.50	23.40	23.35	25.85	27.60	33.70	27.15	22.45	19.05	18.80	23.60	19.45	19.20	23.30	21.35	24.99	32.60	22.85	31.45	19.20	
Na	0.70	3.15	0.00	12.10	0.00	3.00	2.30	2.90	3.10	3.10	2.90	3.00	5.90	3.00	4.45	3.00	3.00	3.00	4.50	3.10	3.15	3.07	0.00	3.00	3.00	4.50	
Al	0.00	0.00	0.00	0.00	0.00	5.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Pb	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Li2O	2.07	1.15	0.00	0.00	9.15	1.45	1.10	1.40	1.50	1.50	1.40	2.90	0.00	1.40	0.00	1.45	1.45	1.45	0.70	0.75	1.50	2.22	2.30	1.45	1.45	0.70	
MgO	3.75	6.20	5.45	5.85	5.00	5.95	6.50	0.00	14.25	0.50	5.70	5.90	3.85	5.80	3.85	3.90	3.95	4.40	2.90	6.00	7.15	6.99	6.15	5.90	6.95	2.90	

Comparison of cited reference and CIP Amended Claim 1 and Additional Claim 31																											
	38.00	38.15	30.70	34.80	43.25	33.05	38.50	38.80	37.25	38.30	36.20	37.60	37.50	36.75	36.35	39.75	36.70	37.60	38.25	38.70	39.10	37.56	40.05	33.75	35.05	38.35	
Sr-B-P																											
Si	34.80	18.60	21.60	24.00	25.55	22.80	21.60	29.50	25.80	25.80	25.00	26.00	26.15	25.40	28.60	28.25	25.50	28.00	24.00	26.45	25.45	18.60	26.30	21.10	23.65	24.00	
Ti	7.80	8.15	9.00	8.70	8.90	7.80	7.95	6.35	8.05	7.95	7.50	10.20	7.60	7.15	7.90	8.70	3.95	9.75	10.55	12.90	11.10	7.92	5.10	7.75	6.30	9.00	
Zr	5.70	6.30	5.55	6.00	6.90	6.00	6.15	2.90	7.90	7.00	6.10	5.80	6.00	5.90	5.80	4.40	3.70	7.60	6.00	0.00	6.15	3.10	6.56	6.25	6.00	6.05	1.65
Mg-Ca-Sr-Ba-Zn	15.65	23.95	24.30	24.15	24.30	24.45	24.50	23.40	23.35	25.85	27.60	33.70	27.15	22.45	19.05	18.80	23.60	19.45	19.20	23.30	21.35	24.99	32.60	22.85	31.45	19.20	
Li+Na+K	9.27	9.1	17.15	12.1	9.15	9.05	8.05	8.7	9.35	9.3	8.7	5.9	10.4	8.9	11.15	8.95	8.95	8.95	9.75	10.85	9.4	7.62	2.3	9	9.05	9.75	
Na	0.70	3.15	0.00	12.10	0.00	3.00	2.30	2.90	3.10	3.10	2.90	3.00	5.90	3.00	4.45	3.00	3.00	3.00	4.50	3.10	3.15	3.07	0.00	3.00	3.00	4.50	
Al	0.00	0.00	0.00	0.00	0.00	5.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Pb	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
L2O	2.07	1.15	0.00	0.00	9.15	1.45	1.10	1.40	1.50	1.50	1.40	2.90	0.00	1.40	0.00	1.45	1.45	1.45	0.70	0.75	1.50	2.22	2.30	1.45	1.45	0.70	
MgO	3.75	6.20	5.45	5.85	5.00	5.95	6.50	0.00	14.25	0.50	5.70	5.90	3.85	5.80	3.85	3.90	5.95	4.40	2.90	6.00	7.15	6.99	6.15	5.90	6.95	2.90	